## **EAST Search History**

| Ref<br># | Hits | Search Query                                                                                                                                                                                                                                                | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|---------|------------------|
| L2       | 1    | (electro\$1luminescen\$2 or OLED or PLED or light (emitt\$8 or emiss\$8)(device or display or diode)) and (amphiphatic or amphiphilic or amphiphyle) same (electron (transport\$8 or transfer\$8 or inject\$8) or ETL) same (cathode or anode or electrode) | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/10/30 09:12 |
| L3       | 1    | (electro\$1luminescen\$2 or OLED or PLED or light (emitt\$8 or emiss\$8)(device or display or diode)) and amphiph\$ same (electron (transport\$8 or transfer\$8 or inject\$8) or ETL) same (cathode or anode or electrode)                                  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/10/30 09:12 |
| L4       | 32   | (electro\$1luminescen\$2 or OLED or PLED or light (emitt\$8 or emiss\$8)(device or display or diode)) and amphiph\$ and (electron (transport\$8 or transfer\$8 or inject\$8) or ETL) same (cathode or anode or electrode)                                   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/10/30 10:50 |
| L5       | 61   | (vapor deposit\$8 or vacuum near2<br>\$1vapor\$8 or CVD or PVD or<br>PECVD) same ((sodium or zinc or<br>aluminum) stearate or NaSt or ZnSt<br>or AISt or sodium oleate or NaOI)                                                                             | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/10/30 09:57 |
| L6       | 65   | (vapor deposit\$8 or vacuum near2<br>\$1vapor\$8 or CVD or PVD or<br>PECVD) same (amphiph\$ or<br>amphipa\$)                                                                                                                                                | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/10/30 09:58 |
| L8       | 137  | (amphiph\$ or amphipa\$) same<br>hydrophobic\$8 same (hydrophilic\$8<br>or lipophil\$8) same adhesi\$4                                                                                                                                                      | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/10/30 11:50 |
| L9       | 45   | (amphiph\$ or amphipa\$) same<br>hydrophobic\$8 same (hydrophilic\$8<br>or lipophil\$8) with adhesi\$4                                                                                                                                                      | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/10/30 11:53 |
| L10      | 1    | ("6437040").PN.                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/10/30 11:54 |
| L12      | 387  | amphiphilic same (fatty acid or carboxylic acid) with (carbon or "C. sub"\$3)                                                                                                                                                                               | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/10/30 14:00 |
| L13      | 93   | amphiphilic same (fatty acid or carboxylic acid) with (carbon or "C. sub"\$3) with salt                                                                                                                                                                     | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/10/30 14:00 |

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|      |     | *                                                                                                                                                                                                                                                             |                     |     |      |                  |
|------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----|------|------------------|
| L16  | 289 | (amphiph\$ or amphipa\$) and fatty<br>acid same ((zinc or aluminum)<br>stearate or ZnSt or AlSt)                                                                                                                                                              | US-PGPUB;<br>USPAT  | ADJ | ON . | 2007/10/30 14:19 |
| L17  | 68  | (amphiph\$ or amphipa\$) same fatty<br>acid and fatty acid same ((zinc or<br>aluminum) stearate or ZnSt or AlSt)                                                                                                                                              | US-PGPUB;<br>USPAT  | ADJ | ON   | 2007/10/30 14:19 |
| S1   | 563 | (electro\$1luminescen\$2 or OLED or<br>PLED or light (emitt\$8 or<br>emiss\$8)(device or display or<br>diode)) and ((sodium or zinc or<br>aluminum) stearate or NaSt or ZnSt<br>or AISt or sodium oleate or NaOI)                                             | US-PGP.UB;<br>USPAT | ADJ | ON   | 2007/10/29 16:50 |
| S2   | 10  | (electro\$1luminescen\$2 or OLED or PLED or light (emitt\$8 or emiss\$8)(device or display or diode)) and thermal expansion same (cathode or anode or electrode) same (electron (transport\$8 or inject\$8 or transfer\$8) or ETL)                            | US-PGPUB;<br>USPAT  | ADJ | ON   | 2007/10/29 13:26 |
| S3   | 26  | S1 and thermal expansion                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT  | ADJ | ON   | 2007/10/29 14:37 |
| S4   | 19  | ((sodium or zinc or aluminum)<br>stearate or NaSt or ZnSt or AlSt or<br>sodium oleate or NaOI) same<br>thermal expansion                                                                                                                                      | US-PGPUB;<br>USPAT  | ADJ | ON   | 2007/10/29 14:51 |
| S5   | 8   | (electro\$1luminescen\$2 or OLED or PLED or light (emitt\$8 or emiss\$8)(device or display or diode)) and hydrophilic same (hydrophobic or lipophilic) same (electron (transport\$8 or transfer\$8 or inject\$8) or ETL) same (cathode or anode or electrode) | US-PGPUB;<br>USPAT  | ADJ | ON   | 2007/10/30 09:11 |
| S6 . | 473 | hydrophilic same (hydrophobic or<br>lipophilic) same ((sodium or zinc or<br>aluminum) stearate or NaSt or ZnSt<br>or AlSt or sodium oleate or NaOl)                                                                                                           | US-PGPUB;<br>USPAT  | ADJ | ON   | 2007/10/29 16:51 |
| S7   | 27  | hydrophilic same (hydrophobic or lipophilic) same ((sodium or zinc or aluminum) stearate or NaSt or ZnSt or AlSt or sodium oleate or NaOI) and (vapor deposit\$8 or vacuum near2 \$1vapor\$8 or CVD or PVD or PECVD)                                          | US-PGPUB;<br>USPAT  | ADJ | ON   | 2007/10/29 17:30 |

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| S8  | 0  | amphiphatic same ((sodium or zinc<br>or aluminum) stearate or NaSt or<br>ZnSt or AlSt or sodium oleate or<br>NaOI) and (vapor deposit\$8 or<br>vacuum near2 \$1vapor\$8 or CVD or<br>PVD or PECVD) | US-PGPUB;<br>USPAT | ADJ | ON      | 2007/10/29 17:31 |
|-----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----|---------|------------------|
| S9  | 6  | amphiphatic same ((sodium or zinc<br>or aluminum) stearate or NaSt or<br>ZnSt or AlSt or sodium oleate or<br>NaOI)                                                                                 | US-PGPUB;<br>USPAT | ADJ | ON      | 2007/10/29 17:50 |
| S10 | 42 | amphiphilic same ((sodium or zinc<br>or aluminum) stearate or NaSt or<br>ZnSt or AlSt or sodium oleate or<br>NaOl)                                                                                 | US-PGPUB;<br>USPAT | ADJ | ON<br>, | 2007/10/30 14:15 |